

Abstract

A system and method for creating a graphical program that performs a numerical function on at least a subset of a set of data values received over a period of time. The method may utilize a "collector node", which simplifies these types of common 5 programming tasks. The collector node may be operable to maintain state information regarding received data values and may use the state information to determine a data collection on which to perform a numerical function. The data collection comprises at least a subset of data values that have been received by the collector node. The user may be able to configure the collector mode to determine the data collection in various ways.

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